

# PATENT ABSTRACTS OF JAPAN

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## (54) INK-JET PRINTER HEAD AND ITS MANUFACTURE

(57)Abstract:

**PURPOSE:** To increase the response speed and reduce the power consumption by a method wherein heat is prevented from being transferred from a heater, the heat capacity of the heater is made small.

**CONSTITUTION:** A heater is suspended above a base plate. The heater is built in a microbridge or a microcantilever construction by utilizing crystal axis anisotropic etching of silicon. Thereby, an ink jet printer that is capable of printing at a high speed and is convenient as a potable type can be offered. And, the heater can be easily and accurately built.

